MasterPlex® Network License Manager

v1.0

User Manual

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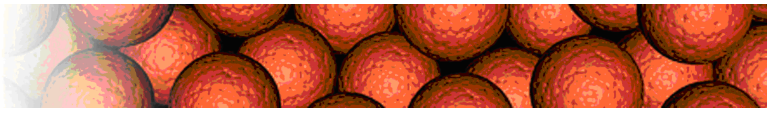
MBI-10000-33404



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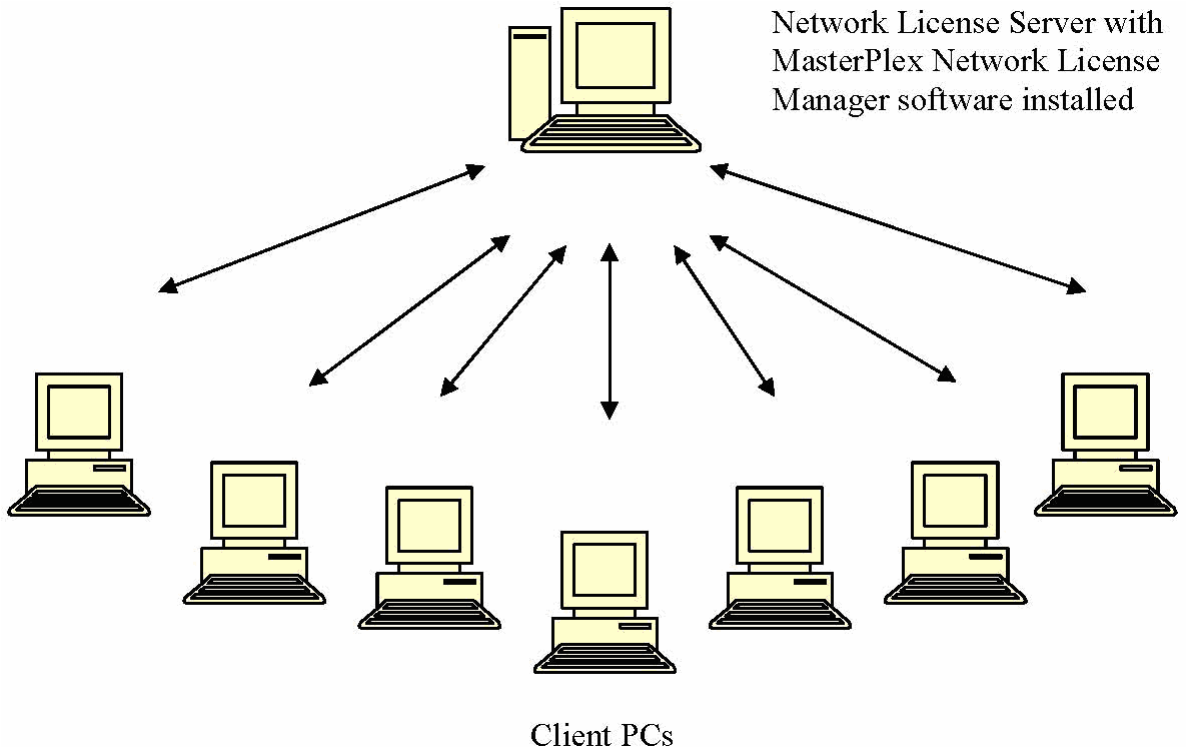
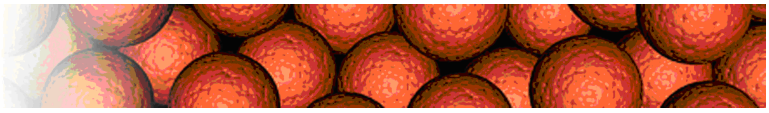
Chapter 1: Welcome

Welcome to the Hitachi Software MasterPlex Network License Manager User Manual. The MasterPlex Network License Manager Software provides management and administration of concurrent software licenses for Hitachi Software products such as the MasterPlex software suite for the Luminex® xMAP Platform and FMBIO ImageAnalysis software.

1-1 Overview

The MasterPlex Network License Manager will allow you to allocate a predetermined number of software licenses to client PCs on a local area network. This means you can install the client software on as many client PCs as you want, but only a predetermined number of clients can run the software at any given time. This manual details how to install and use the MasterPlex Network License Manger software.





Chapter 2: Installation

2-1 License Server Installation

2-1-1 System Requirements

Hardware Requirements	
Platform	IBM PC compatible
Memory (RAM)	256 MB or more
Storage (HDD)	20 MB available space for the installation
Input Devices	Keyboard and mouse or any other pointing device
Monitor resolution	800 x 600 pixels or higher
Network Adapter	Ethernet network adapter (10/100 base-T)
CD-ROM drive	Required for CD media version. Not applicable for download version.

Software Requirements	
Operating System	Microsoft Windows 2000/XP/2003 Server

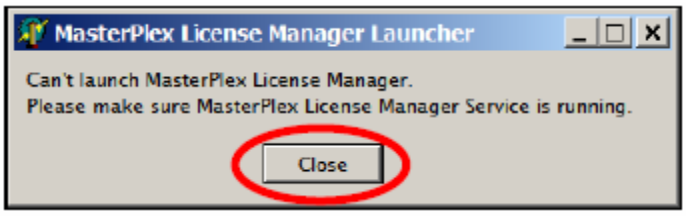
2-1-2 MasterPlex Network License Manager Software Installation

1. During this installation, please make sure you are logged on as **administrator** or have **administrative privileges**.
2. Please make sure that the license server computer is **connected** to the **local area network**. It is required for proper function of the software.
3. Insert the **MasterPlex Network License Manager** CD-ROM into the computer designated as the license server and the **InstallShield Wizard** should automatically appear.
4. Follow the **InstallShield Wizard** to complete the installation.

2-1-3 Obtain License File for MasterPlex Network License Manager

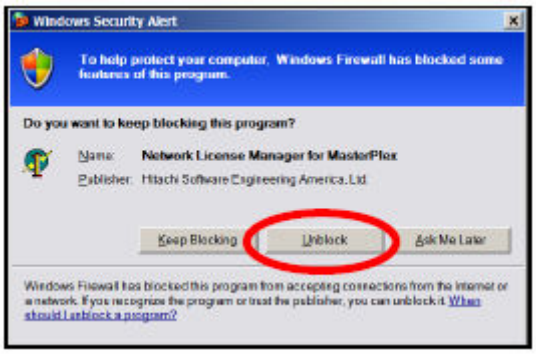
The License File is necessary or activating the software.

1. Double-click the **MasterPlex Network License Manager** icon on the Desktop.
2. If the following dialog window appears, just click on the **Close** button.


MasterPlex License Manager Launcher
Can't launch MasterPlex License Manager.
Please make sure MasterPlex License Manager Service is running.
Close

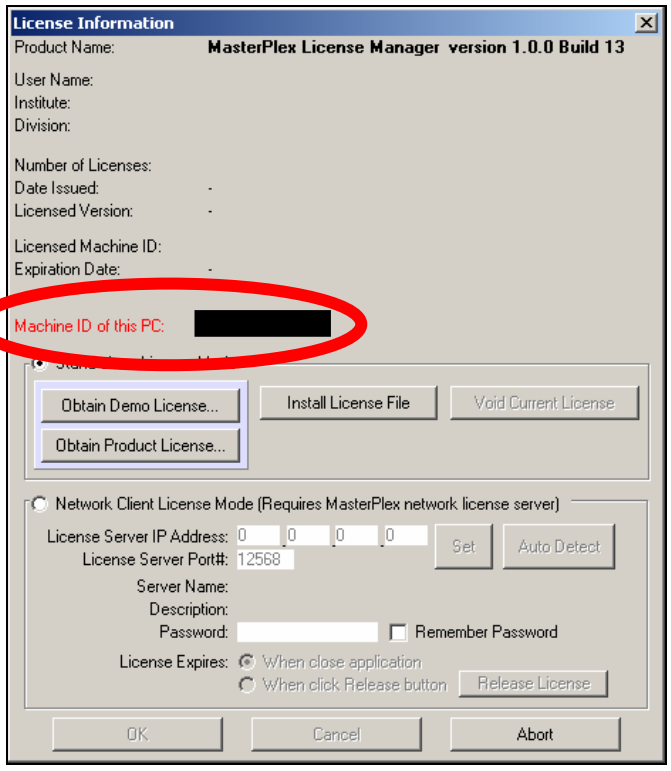
3. Press **Unblock** if the **Windows Security Alert** window pops up.

> **Note:** The MasterPlex Network License Manager will **not** function properly if it is blocked by a firewall.


Windows Security Alert
To help protect your computer, Windows Firewall has blocked some features of this program.
Do you want to keep blocking this program?
Name: Network License Manager for MasterPlex
Publisher: Hitachi Software Engineering America, Ltd.
Keep Blocking
Unblock
Ask Me Later
Windows Firewall has blocked this program from accepting connections from the Internet or a network. If you recognize the program or trust the publisher, you can unblock it. When should I unblock a program?

4. The following **License Information** window will be displayed. Please note the **Machine ID of the PC** as this will be important for the following step.

> **Note:** Please **DO NOT** close the License Information window until you have successfully installed the license file.



5. Login to our online **Premium Support** and fill out the form on the following page:

> **Note:** Be sure to click the **Network** radio button for **License Type** and select **MasterPlex Network License Manager v1.0** from the **Product** pull-down menu. For **Validation Code**, use the **Validation Code** that came with the client software such as MasterPlex QT or MasterPlex GT.

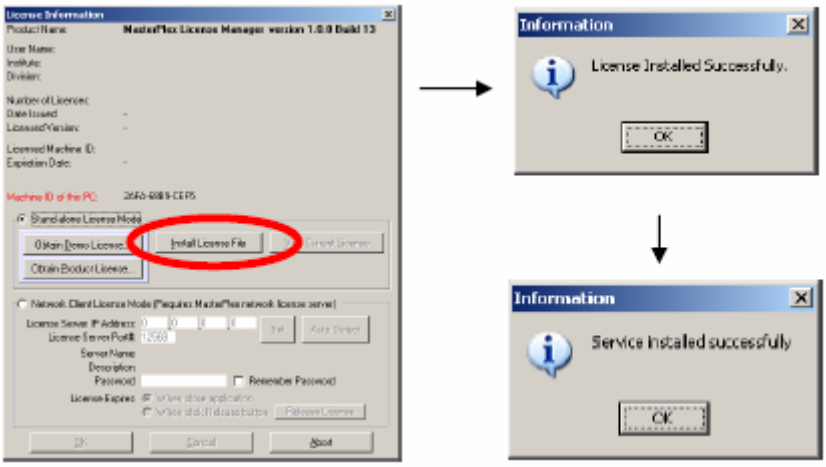
http://www.MiraiBio.com/Product_Registration

Please note that you will not be able to view the form until you have logged in to **Premium Support**. If you have not registered yet, please do so by following this link:

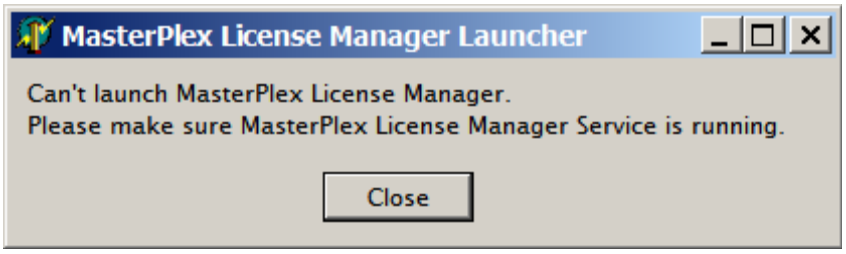
http://www.MiraiBio.com/User_Registration

Once the form has been submitted, your product license file will be processed and emailed to you.

6. After you receive the license file, save this license file on the License Server computer. Click the **Install License File** button on the **License Information** window and specify the location of the license file and press **OK**.

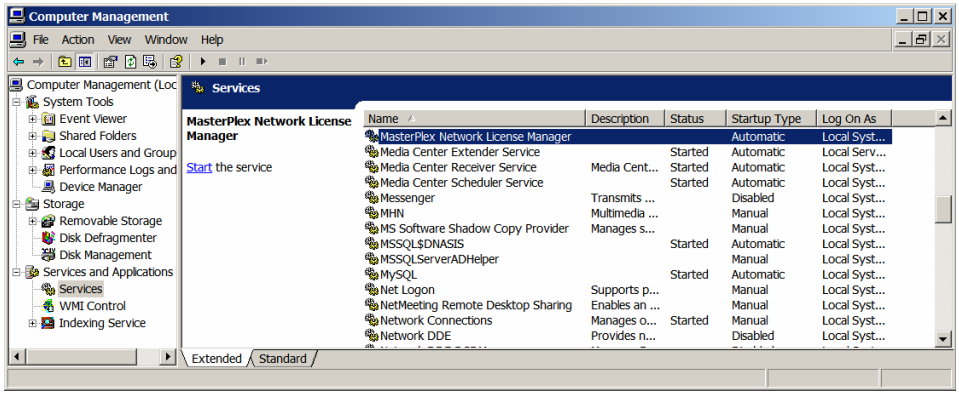


7. If the following dialog box appears, just click on **Close** and proceed to 2-1-4.

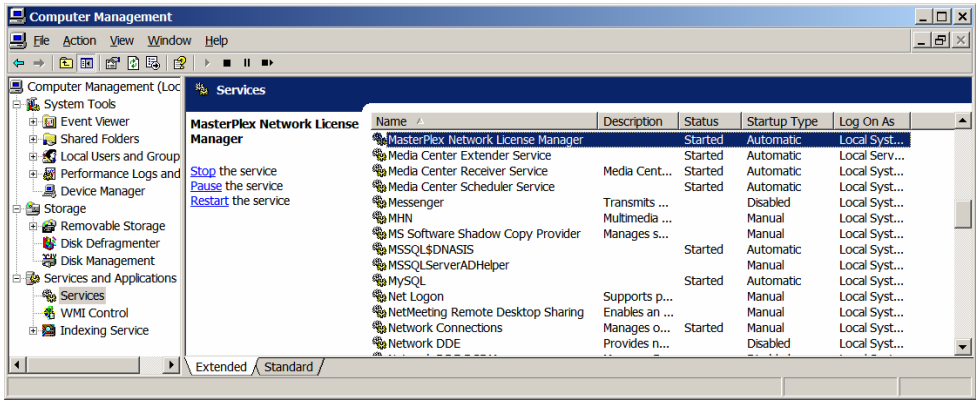

MasterPlex License Manager Launcher
Can't launch MasterPlex License Manager.
Please make sure MasterPlex License Manager Service is running.
Close

2-1-4 Activate MasterPlex Network License Manager

1. On the Desktop, right-click on the **My Computer** icon and select **Manage**.
2. Double-click **Services and Applications** and then **Services** to show the list of services.
3. Right-click on **MasterPlex Network License Manager** and select **Start**.



4. Make sure the service status has changed to **Started**. The MasterPlex Network License Manager software is now activated.



2-1-5 Obtain Network License for Client Software

1. Login to our online **Premium Support** and fill out the form on the following page:

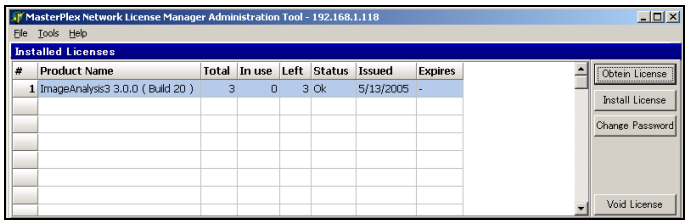
> **Note:** Be sure to click the **Network** radio button for **License Type** and select the client software you are trying to install from the **Product** pull-down menu. The **Machine ID** must the same **Machine ID** noted earlier for the MasterPlex Network License Manager installation. If you are requesting for a multi-user license, please note that you will need to have the **same number** of **Validation Codes** that are not currently in use. You only need to specify one of your available validation codes for the request as they are all linked in our system.

http://www.MiraiBio.com/Product_Registration

Once the form has been submitted, your product license file will be processed and emailed to you.

2. After you receive the license file, launch the MasterPlex Network Manager and click the **Install License** button. Browse to the license file and press **Open**.

> **Note:** An error dialog might pop up when you are trying to browse to the license file. Please click the **OK** button and begin browsing from **My Computer**.


MasterPlex Network License Manager Administration Tool - 192.168.1.118
File Tools Help
Installed Licenses
Product Name Total In use Left Status Issued Expires
1 ImageAnalysis3 3.0.0 (Build 20) 3 0 3 Ok 5/13/2005 -
Obtain License
Install License
Change Password
Void License

3. You should now be able to see the license you have just installed in the table (see above). Please proceed to 2-2, Network Client software Installation.

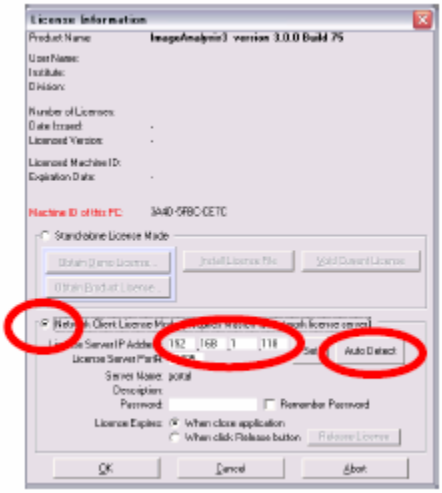
2-2 Network Client Installation

1. Put the Client software installation CD-ROM in the client computer and follow the installation instructions.

2-2-1 Launch Client Software

1. Double-click the icon on the Desktop for the Client software. When you run the software for the first time, you will see the following **License Information** window. Select **Network Client License Mode** and click **Auto Detect** to find the MasterPlex Network License Manager automatically.

> **Note:** An error dialog might pop up when you are trying to browse to the license file. Please click the **OK** button and begin browsing from **My Computer**.



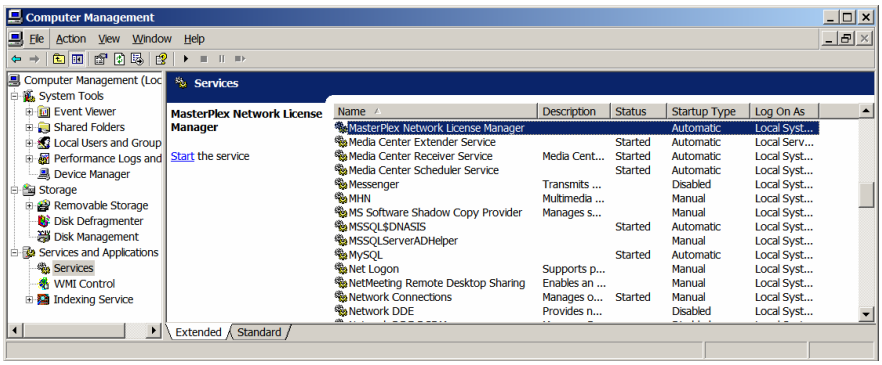
2. If it cannot find the license server automatically, you can manually type in the server information (IP address and port number) and click the **Set** button.

3. To launch the software, press **OK**.

2-3 Uninstall

2-3-1 Stop MasterPlex Network License Manager Service

1. On the Desktop right-click on the **My Computer** icon and select **Manage**.
2. Double-click **Services and Applications** and then **Services** to show the list of services.
3. Right-click on **MasterPlex Network License Manager** and select **Stop**.



2-3-2 Uninstalling MasterPlex Network License Manager Software

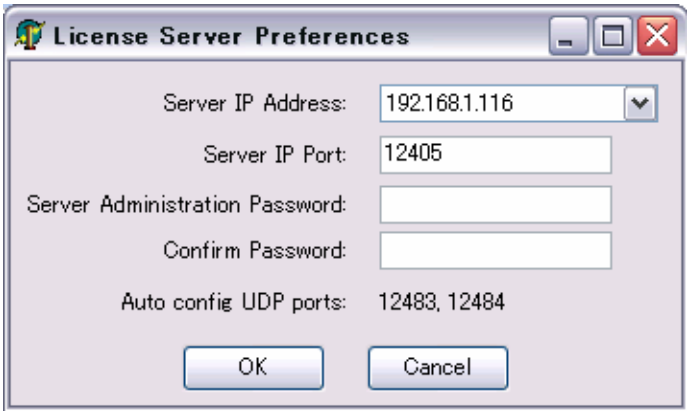
1. Uninstall the MasterPlex License Manager Service by clicking on **Start** menu → **Programs** → **MasterPlex Network License Manager** → **Uninstall MasterPlex Network License Manager NT Service**

2. Finally, uninstall MasterPlex Network License Manager Software from the **Add or Remove Programs** in the **Control Panel**.

Chapter 3: Other Features

3-1 License Server Preferences

You can access the **License Server Preferences** window from **Tools → License Server Preferences…**



3-1-1 Selecting Server IP address

If the license server has multiple network adapters, you may need to choose which network card you want to assign for the MasterPlex Network License Manager by selecting the IP address from the pull-down menu.

3-1-2 Changing Server Port

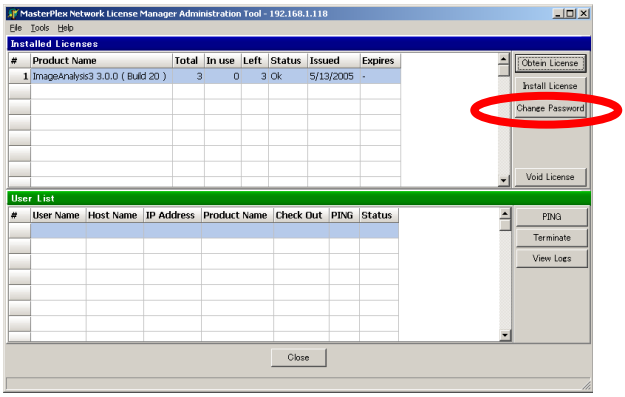
If any other programs are using the default port, you can change the **Server IP Port** by typing in a different port number directly.

3-1-3 Setting License Server Password

You can setup the password for the MasterPlex Network License Manager Administration Tool window to prevent unauthorized changes to the settings.

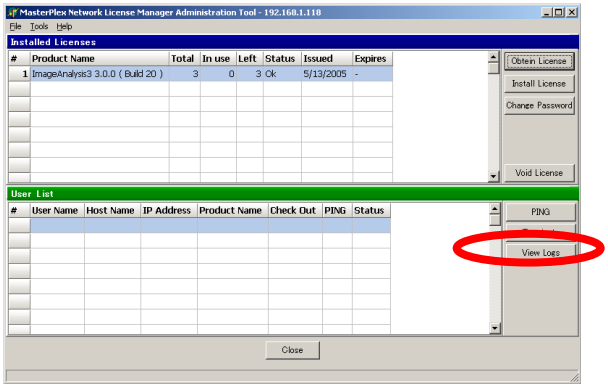
3-2 Setting Password for Each Client Software

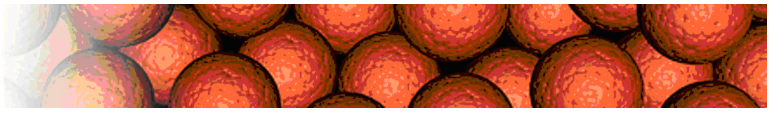
You can prevent unauthorized usage of the Client software license by password protecting each Client software package. Click on the license and press the **Change Password** button to set a password.


MasterPlex Network License Manager Administration Tool - 192.168.1.118
File Tools Help
Installed Licenses
Product Name Total In use Left Status Issued Expires
1 ImageAnalysis3 3.0.0 (Build 20) 3 0 3 Ok 5/13/2005 -
Obtain License
Install License
Change Password
Void License
User List
User Name Host Name IP Address Product Name Check Out PING Status
PING
Terminate
View Logs
Close

3-3 View Access Logs

Click the **View Logs** button in the MasterPlex Network License Manager Administration Tool window to open the log file folder. A new log file is created each month.


MasterPlex Network License Manager Administration Tool - 192.168.1.118
File Tools Help
Installed Licenses
Product Name Total In use Left Status Issued Expires
1 ImageAnalysis3 3.0.0 (Build 20) 3 0 3 Ok 5/13/2005 -
Obtain License
Install License
Change Password
Void License
User List
User Name Host Name IP Address Product Name Check Out PING Status
PING
View Logs
Close



3-4 Technical Support

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